

9150-7

7/1/2009

1/12

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460



Office of Pesticide Programs

JUL - 1 2009

Bonnie J. Bieber
Regulatory Coordinator
International Dioxide Inc.
40 Whitecap Drive
North Kingstown, RI 02852

FILE COPY

Subject: Adox 3125
EPA Registration No. 9150-7
Application Date: June 2, 2009
Receipt Date: June 4, 2009

Dear Ms. Bieber:

This acknowledges receipt of your notification, submitted under the provision of PR Notice 98-10, FIFRA section 3(c)9.

Proposed Notification:

- Revision to Storage and Disposal Statement per PR Notice 2007-4

General Comments:

Based on a review of the material submitted, the following comments apply:

The notification is acceptable and a copy has been inserted in your file for future reference.

Should you have any questions or comments concerning this letter, please contact me at (703) 308-6345.

Sincerely,

Wanda Y. Henson
Product Reviewer (32)
Regulatory Management Branch II
Antimicrobials Division (7510P)

Please read instructions on reverse before completing form.

Form Approved MB No. 2070-0060, Approval expires 05-31-98



EPA

United States
Environmental Protection Agency
Washington, DC 20460

- Registration
- Amendment
- Other: NOTIFICATION

OPP Identifier Number

Application for Pesticide - Section I

1. Company/Product Number 9150-7	2. EPA Product Manager Emily Mitchell	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Adox 3125	PM# Team 32	
5. Name and Address of Applicant (Include ZIP Code) International Dioxide, Inc. 40 Whitecap Dr. North Kingstown, RI 02852 Attn: Bonnie J. Bieber <input type="checkbox"/> Check if this is a new address	6. Expedited Review. In accordance with FIFRA Section 3(c)(3) (b)(I), my product is similar or identical in composition and labeling to: EPA Reg. No. _____ Product Name _____	

Section - II

<input type="checkbox"/> Amendment - Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application
<input checked="" type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other - Explain below

Explanation: Use additional page(s) if necessary. (For Section I and Section II.)

"Notification of label change per PR Notice 2007-4.

This notification is consistent with the guidance in PR Notice 2007-4 and the requirements of EPA's regulations at 40 CFR §§ 156.10, 156.140, 156.144, 156.146, and 156.156. No other changes have been made to the labeling or the Confidential Statement of Formula for this product. I understand that it is a violation of 18 U.S.C. Sec. 1001 to willfully make any false statement to EPA. I further understand that if the amended label is not consistent with the requirements of 40 CFR §§ 156.10, 156.140, 156.144, 156.146, and 156.156, this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under sections 12 and 14 of FIFRA."

Signature: _____ Date: _____

Section - III

1. Material This Product Will Be Packaged In:				2. Type of Container	
Child-Resistant Packaging <input type="checkbox"/> Yes* <input type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No		<input type="checkbox"/> Metal	<input type="checkbox"/> Plastic
*Certification must be submitted		If "Yes" Unit Packaging wgt. No. per container	If "Yes" Package wgt. No. per container	<input type="checkbox"/> Glass	<input type="checkbox"/> Paper
3. Location of Net Contents Information <input type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container		5. Location of Label Directions <input type="checkbox"/> On Label <input type="checkbox"/> On labeling accompanying product	
6. Manner in Which Label is Affixed to Product <input type="checkbox"/> Lithograph <input type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled				<input type="checkbox"/> Other _____	

Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application)		
Name Bonnie J. Bieber	Title Regulatory Coordinator	Telephone No. (include Area Code) (302) 695-1557
Certification I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete, and I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.		6. Date Application Received (Stamped)
2. Signature 	3. Title Regulatory Coordinator	
4. Typed Name Bonnie J. Bieber	5. Date 6/2/09	

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[0001] – MASTER LABEL

ADOX® 3125

25% AQUEOUS SODIUM CHLORITE SOLUTION

[0002]

PRECURSOR FOR CHLORINE DIOXIDE AND ACIDIFIED CHLORITE SOLUTIONS FOR INDUSTRIAL USE ONLY

[0003]

Active Ingredients	
Sodium Chlorite -----	25%
Inert Ingredients -----	75%
Total:	100%

NOTIFICATION
 Date Reviewed: 7/1/09
 Reviewed By: E. Berry

[0004]

KEEP OUT OF REACH OF CHILDREN

[0005]

DANGER!

[0006]

See Side Panels for Additional Precautionary Statements

[0007]

<p>FIRST AID</p> <p><u>If in eyes:</u> Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.</p> <p><u>If on skin or clothing:</u> Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.</p> <p><u>If inhaled:</u> Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. Call a poison control center or doctor for further treatment advice.</p> <p><u>If swallowed:</u> Call poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by the poison control center or doctor. Do not give anything by mouth to an unconscious person.</p> <p>For 24 hour emergency information on this product, call Chemtrec at 1-800-424-9300 (U.S., Canada, Puerto Rico, Virgin Islands) 1-703-527-3887 (All Other Areas). Medical Emergency 1-800-441-3637 (outside U.S. 302-774-1000)</p> <p>Have the product container or label with you when calling a poison control center or doctor, or going for treatment.</p> <p>NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage.</p>

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[0008]
EPA Reg. No. 9150-7

[0009]
EPA Est. No. XXXXXX-YYY-ZZZ

[0010]
NET CONTENTS _____ GAL.

[0011]
Manufactured For:
INTERNATIONAL DIOXCIDE, INC.
40 Whitecap Drive
North Kingstown, RI 02852



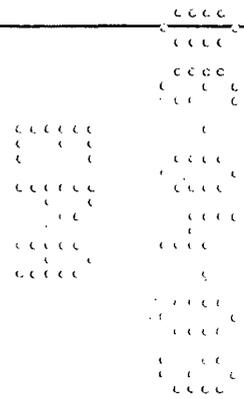
ANSI/NSF 60
DRINKING WATER
TREATMENT ADDITIVES
3R80
Max. Use Level 28 mg/L

[0012]
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[0013]
ADOX® is a registered trademark of International Dioxide Inc., a DuPont Company.

[0014]
PRECAUTIONARY STATEMENTS
HAZARDS TO HUMAN & DOMESTIC ANIMALS

[0015]
DANGER. Highly corrosive, causes irreversible eye damage and skin burns. Do not get in eyes, on skin, or clothing. May be fatal if swallowed. Do not get on bare hands. Wear goggles or face shield and neoprene gloves when handling. Wash thoroughly with soap and water after handling and before eating, drinking or using tobacco. Remove contaminated clothing at once to avoid fire and wash separately before reuse. Avoid breathing fumes.



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[0016]

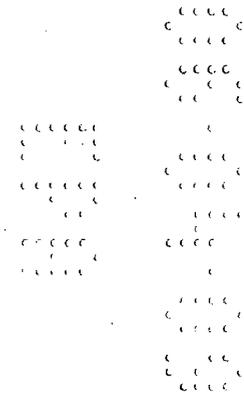
ENVIRONMENTAL HAZARDS

This product is toxic to fish and other aquatic organisms. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or other waters unless in accordance with the requirements of a National Pollutant Discharge Eliminations System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.

[0017]

PHYSICAL AND CHEMICAL HAZARDS

DANGER: This product becomes a fire hazard if allowed to dry. Mix or dilute into water only. Strong oxidizing agent. Mixing with acids, or alcohol, or other chemicals may cause evolution of chlorine and chlorine dioxide gas which is toxic and may be explosive. Combustible materials contaminated with ADOX® 3125 may burn rapidly. Keep handling areas and equipment clean and free of oils, greases, combustibles, and dust. Do not contaminate this product with garbage, dirt, organic matter, paint products, solvents, acids, vinegar, beverages, oils, pine oils, dirty rags, or other foreign matter. Do not expose to hot surfaces, sparks or open flame.



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[0018]

STORAGE AND DISPOSAL

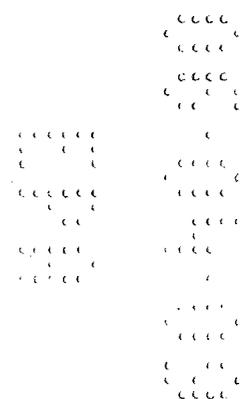
Do not contaminate water, food or feed by storage or disposal.

STORAGE: Store upright in cool, dry and well-ventilated place. Avoid excessive heat or freezing. Protect from contact with other chemicals; avoid storage with organic chemicals, acids, reducers and combustible material. Keep container tightly closed when not in use. In case of spills, flush and drain promptly to sewer with large quantities of water. Do not allow liquid to dry out because this could present a fire hazard. If fire occurs, extinguish with large volume of water.

PESTICIDE DISPOSAL: Do not contaminate water, food or feed by storage or disposal. Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label directions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

CONTAINER DISPOSAL: Nonrefillable container. Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container ¼ full with water. Replace and tighten closures. Tip container on it's side and roll back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip back and forth several times. Turn the container over onto its other end and tip back and forth several times. Empty the rinsate into application equipment or mix tank or store rinsate for later use or disposal. Repeat this procedure two more times. Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved of by state and local authorities..

EMERGENCY HANDLING: In case of contamination or decomposition, do not reseal container. Isolate in an open, well-ventilated area. Flood with large volumes of water. Cool unopened drums in vicinity by water spray.



[0019]

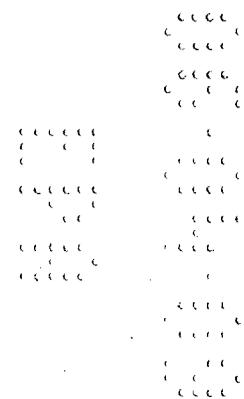
NOTICE: Seller expressly warrants that the product conforms to its chemical description. There are no warranties associated with the sale of the product either express or implied including, but not limited to, the warranties of fitness for a particular purpose or use.

[0020]

DIRECTIONS FOR USE

[0021]

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.



[0026] – [OPT.]

FOOD PLANT PROCESS WATER IN FOOD PROCESSING PLANTS, DAIRIES, BOTTLING PLANTS AND BREWERIES. For microbial control in typical food processing water systems, such as flume transport, chill water systems, hydrocoolers, and retort cooling water, apply ADOX® 3125 through a chlorine dioxide generation system to achieve a chlorine dioxide residual concentration ranging from 0.25 to 5.0 ppm.

[0027] – [OPT.]

Chlorine dioxide generated from ADOX® 3125 may also be used as a water sanitizer for fruit and vegetable washing and cut and peeled potato products without a subsequent potable water rinse requirement, provided that the concentration of total residual oxidants meet the residual limitations of < 1.0 ppm.

[0028] – [OPT.]

Residual concentrations up to 5.0 ppm chlorine dioxide in process water may be used for washing whole uncut and unpeeled fruits and vegetables although a final potable water rinse is required if the residual exceeds 1 ppm.

[0029] – [OPT.]

Potatoes including those which have been peeled or cut, may be treated with sufficient chlorine dioxide to produce a residual concentration of up to 5.0 ppm provided this is followed by a potable water rinse.

[0030] – [OPT.]

POULTRY PROCESSING WATER: Use ADOX® 3125 to generate chlorine dioxide for use as an antimicrobial agent in water used in poultry processing in an amount not to exceed 3 ppm residual chlorine dioxide as determined by an appropriate method.

[0031] – [OPT.]

AQUEOUS DISINFECTION SYSTEMS FOR CIP CLEANING: If the concentration of chlorine dioxide generated from ADOX® 3125 exceeds 5.0 ppm, a potable water rinse should follow treatment. Care should be taken to ensure the biological and chemical quality of the potable water.

[0032] – [OPT.]

GENERAL INDUSTRIAL PROCESS WATER TREATMENT (OILFIELD INJECTION, WHITE WATER PAPER MILL SYSTEMS, AND RECIRCULATING COOLING TOWERS): For control of microbial slime, these systems will require a chlorine dioxide residual concentration ranging between 0.25 and 5.0 ppm.

[0033] – [OPT.]

ONCE THROUGH COOLING WATER SYSTEMS: Control of mollusks can be effectively accomplished using ADOX® 3125 as directed in commercial and industrial once through cooling water systems. ADOX® 3125 may be fed on a continuous or slug basis depending on the degree of system fouling.

SLUG DOSE: Add 42 to 210 lbs. of chlorine dioxide per million gallons of water (5 to 25 ppm).

CONTINUOUS DOSE: Add 2 to 16 lbs. of chlorine dioxide per million gallons of water (0.25 to 2 ppm).

[0034] – [OPT.]

USE OF ACIDIFIED SODIUM CHLORITE SOLUTIONS

Pursuant to 21 C.F.R. Part 173.325, the Food and Drug Administration (FDA) has approved the use of acidified sodium chlorite solutions as antimicrobial agents for poultry, meat, and raw agricultural commodities. Specific use-instructions for these applications are listed below.

[0035] – [OPT.]

TO CONTROL THE MICROBIAL POPULATION OF POULTRY PROCESSING

CHILLER WATER: Prepare a solution having a concentration of sodium chlorite between 50 and 150 ppm. Dilute 1 gallon of ADOX® 3125 to 5000 gallons with water for 50 ppm or 1 gallon of ADOX® 3125 to 1666 gallons with water for 150 ppm. Lower the pH of this solution to between 2.8 and 3.2 with any GRAS acid. This solution is used in a pre-chiller or chiller for chicken carcasses and carcass parts.

[0036] – [OPT.]

TO CONTROL THE MICROBIAL POPULATION OF CHICKEN CARCASSES:

Prepare a solution having a concentration of sodium chlorite between 500 and 1200 ppm. Dilute 1 gallon of ADOX® 3125 to 500 gallons with water for 500 ppm sodium chlorite or 1 gallon ADOX® 3125 to 208 gallons with water for 1200 ppm. Lower the pH of this solution to between 2.3 and 2.9 with any GRAS acid. Spray or dip the carcass parts in this solution or use as a component of a post chill carcass spray or dip solution when applied to poultry meat, organs or related parts or trim.

[0037] – [OPT.]

TO CONTROL THE MICROBIAL POPULATION IN THE PROCESSING OF RED

MEAT, RED MEAT PARTS AND ORGANS: Prepare a solution having a concentration of sodium chlorite between 500 and 1200 ppm. Dilute 1 gallon of ADOX® 3125 to 500 gallons with water for 500 ppm sodium chlorite or 1 gallon of ADOX® 3125 to 208 gallons with water for 1200 ppm. Lower this solution to pH 2.5 to 2.9 with any GRAS acid. The red meat parts are sprayed or dipped into the solution.

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[0038] – [OPT.]

TO CONTROL THE MICROBIAL POPULATION IN PROCESSED, COMMINUTED OR FORMED MEAT (UNLESS SUCH USE IS PRECLUDED BY THE USDA STANDARDS OF IDENTITY IN 9 CFR PART 319): This additive is used at levels between 500 and 1200 ppm of sodium chlorite to control the microbial population on processed, comminuted, or formed meat products (unless precluded by standards of identity in 9 CFR Part 319) prior to packaging of the food for commercial purposes, in accordance with current industry standards of good manufacturing practice. Dilute 1 gallon of ADOX® 3125 to 500 gallons with water for 500 ppm sodium chlorite or 1 gallon of ADOX® 3125 with 208 gallons for 1200 ppm sodium chlorite. Lower the pH of this solution to between 2.5 to 2.9 with any GRAS acid. This solution is applied as a spray or dip.

[0039] – [OPT.]

TO ELIMINATE THE GROWTH OF MICROORGANISMS, IN FOOD PROCESSING FACILITIES, THAT CAUSE SPOILAGE ON RAW AGRICULTURAL COMMODITIES SUCH AS FRUITS AND VEGETABLES: Prepare a solution having a concentration of between 500ppm and 1200 ppm of sodium chlorite. Dilute 1 gallon of ADOX® 3125 diluted to 500 gallons (500 ppm) or 208 gallons (1200 ppm), with water. Lower the pH of the solution to between 2.3 and 2.9 with any GRAS acid. The raw agricultural products are spray or dipped into this solution. This treatment must be followed by a potable water rinse or by blanching, cooking or canning.

